

DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As the below named inventor, I hereby declare that:

My residence, post office address and citizenship is as stated below next to my name;

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**REDUCTION IN BACTERIAL COLONIZATION BY ADMINISTERING
BACTERIOPHAGE COMPOSITIONS**

the specification of which: ☐ is attached hereto.

☒ was filed on: January 11, 2001
as Application No.: 09/757,685

I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in 37 C.F.R. § 1.56.

And I hereby authorize and request our agents, Brobeck, Phleger & Harrison LLP, whose address is set forth below, to insert above, the filing date and application number of said application when known.

Prior Foreign Application(s)

I hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

Country	Application Number	Date of Filing (day, month, year)	Date of Issue (day, month, year)	Priority Claimed	
				Yes <input type="checkbox"/>	No <input type="checkbox"/>

Prior Provisional Application(s)

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application Number	Date of Filing (day, month, year)
60/175,377	January 11, 2000
60/175,415	January 11, 2000
60/175,416	January 11, 2000
60/205,240	May 19, 2000

Prior United States Application(s)

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT international application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application Number	Date of Filing (day, month, year)	Status - Patented, Pending, Abandoned

And I hereby appoint, both jointly and severally, as my attorneys with full power of substitution and revocation, to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith the following attorneys, their registration numbers being listed after their names:

Rodger L. Tate, Registration No. 27,399; Anthony W. Shaw, Registration No. 30,104; James Remenick, Registration No. 36,902; Michael J. Songer, Reg. No. 39,841; Cono A. Carrano, Registration No. 39,623; Laurence H. Posorske, Registration No. 34,698; Floyd B. Chapman, Registration No. 40,555; David J. Kulik, Registration No. 36,576; Robert A. King, Registration No. 42,738; and Trevor Q. Coddington, Registration No. 46,633.

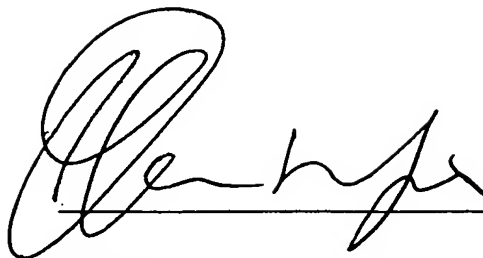
All correspondence and telephone communications should be addressed to: Brobeck, Phleger & Harrison LLP; Intellectual Property Department; 1333 H Street, N.W.; Suite 800; Washington, DC 20005; telephone number (202) 220-6000; facsimile number (202) 220-5200, which is also the address, telephone and facsimile numbers of each of the above listed attorneys.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine and imprisonment, or both, under 18 U.S.C. § 1001, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

BROBECK, PHLEGER & HARRISON LLP
Intellectual Property Department
1333 H Street, N.W.
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Washington, D.C. 20005
(202) 220-6000 (telephone); (202) 220-5200 (facsimile)

Signature

Full Name of
First Inventor:



Date

6/1/01

MORRIS
(Family Name)

J.
(First Given Name)

Glenn
(Second Given Name)

Citizenship: U.S.A.

Residence: 107 St. Johns Road, Baltimore, Maryland 21210

Post Office
Address: (same as above)

Signature

Full Name of
Second Inventor:



Date

6/1/01

SULAKVELIDZE
(Family Name)

Alexander
(First Given Name)

(Second Given Name)

Citizenship: U.S.A.

Residence: 536 Hampton Lane, Baltimore, Maryland 21286

Post Office
Address: (same as above)

Signature

Full Name of
Third Inventor:

see attached sheet

Date

ALAVIDZE
(Family Name)

Zemphira
(First Given Name)

(Second Given Name)

Citizenship: Georgia

Residence: 22 Gotua Street, Apt. 74, Tbilisi, 380060, Republic of Georgia

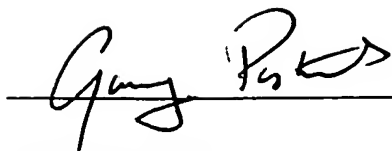
Post Office
Address: (same as above)

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Full Name of
First Inventor: MORRIS J. Glenn
(Family Name) (First Given Name) (Second Given Name)
Citizenship: U.S.A.
Residence: 107 St. Johns Road, Baltimore, Maryland 21210
Post Office
Address: (same as above)

Signature _____ Date _____
Full Name of
Second Inventor: SULAKVELIDZE Alexander
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Citizenship: U.S.A.
Residence: 536 Hampton Lane, Baltimore, Maryland 21286
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Address: (same as above)

Signature Z. Alavidze Date 6/11/01
Full Name of
Third Inventor: ALAVIDZE Zemphira
(Family Name) (First Given Name) (Second Given Name)
Citizenship: Georgia
Residence: 22 Gotua Street, Apt. 74, Tbilisi, 380060, Republic of Georgia
Post Office
Address: (same as above)

Signature



Date 6/19/01

Full Name of
Fourth Inventor:

PASTERNAK
(Family Name)

Gary
(First Given Name)

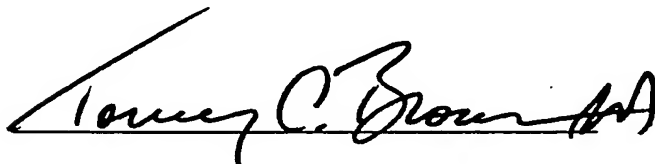
R.
(Second Given Name)

Citizenship: U.S.A.

Residence: 311 Edgevale Road, Baltimore, Maryland 21212

Post Office
Address: (same as above)

Signature



Date 6/12/01

Full Name of
Fifth Inventor:

BROWN
(Family Name)

Torrey
(First Given Name)

C.
(Second Given Name)

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Post Office
Address: (same as above)

APPLICANT'S COPY

Sheet 1 of 2

FORM PTO-1449 (Modified)
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPLICATION NO.

031848.0011

09/757,685

APPLICANT

J. Glenn MORRIS, et al.

FILING DATE

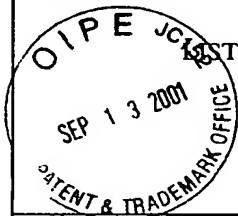
January 11, 2001

GROUP

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LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)



TECH CENTER 1600/2900

SEP 17 2001

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL.		DOCUMENT NUMBER							DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DL	1.	4	3	7	5	7	3	4	03/08/83	Kozloff et al.			
DL	2.	4	8	9	1	2	1	0	01/02/90	Norris			
DL	3.	4	9	5	7	6	8	6	09/18/90	Norris			
DL	4.	5	1	3	2	2	2	1	07/21/92	Ward et al.			
DL	5.	5	6	1	2	1	8	2	03/18/97	Pearson et al.			
DL	6.	5	6	4	1	4	6	4	06/24/97	Briggs III et al.			
DL	7.	5	6	6	0	8	1	2	08/26/97	Merril et al.			
DL	8.	5	6	8	8	5	0	1	11/18/97	Merril et al.			
DL	9.	5	7	6	6	8	9	2	06/16/98	Merril et al.			
DL	10.	5	8	1	1	0	9	3	09/22/98	Merril et al.			

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
DL	11.	0	2	9	0	2	9	5	11/09/88	Europe EPO				
DL	12.	0	4	1	4	3	0	4	02/27/91	Europe EPO				
DL	13.	0	5	1	0	9	0	7	10/28/92	Europe EPO				
DL	14.	WO	90	1	3	6	3	1	11/15/90	WIPO PCT				
DL	15.	62	1	2	3	1	0	4	04/06/87	Japan (Abstract)				
DL	16.	DE	37	1	4	6	9	9	01/07/88	Germany (Engl. Abstract)				X
DL	17.	2	2	5	3	8	5	9	09/23/92	Great Britain				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

DL	18.	Alavidze, Z., et al., "Isolation of Specific Lytic Phases Against Multidrug Resistant <i>Pseudomonas aeruginosa</i> ," <i>American Society for Microbiology</i> , Final Program (1999).
DL	19.	Kudva, Indira T., et al., "Biocontrol of <i>Escherichia coli</i> O157 with O157-Specific Bacteriophages," <i>Applied and Environmental Microbiology</i> , 65:3767-3773 (1999).

EXAMINER

David Samuelson

DATE CONSIDERED

8/22/01

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

FORM PTO-1449 (Modified)
(REV. 7-80)U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPLICATION NO.

031848.0011

09/757,685

APPLICANT

J. Glenn MORRIS et al.

FILING DATE

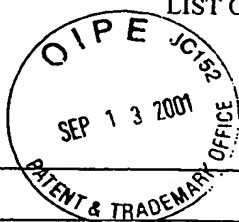
January 11, 2001

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LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)



U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

DL	20.	Lenski, Richard E., "Dynamics of Interactions Between Bacteria and Virulent Bacteriophage," <i>Adv. Microb. Ecol.</i> , 10:1-44 (1988).
DL	21.	Levin, Bruce R., et al., "Phage Therapy Revisited: The Population Biology of a Bacterial Infection and its Treatment with Bacteriophage and Antibiotics," <i>The American Naturalist</i> , 147:881-898 (1996).
DL	22.	Ochs, Hans D., "Immunologic Responses to Bacteriophage ϕ X 174 in Immunodeficiency Diseases," <i>The Journal of Clinical Investigation</i> , 50:2559-2567 (1971).
DL	23.	Slopek et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; I. General Evaluation of the Results," <i>Arch. Immunol. Therapiae Exper.</i> , 31:267-291 (1983).
DL	24.	Slopek et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; II. Detailed Evaluation of the Results," <i>Arch. Immunol. Therapiae Exper.</i> , 31:293-327 (1981).
DL	25.	Slopek et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; III. Detailed Evaluation of the Results Obtained in Further 150 Cases," <i>Arch. Immunol. Therapiae Exper.</i> , 32:317-335 (1984).
DL	26.	Slopek et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; IV. Evaluation of the Results Obtained in 370 Cases," <i>Arch. Immunol. Therapiae Exper.</i> , 33:219-240 (1985).
DL	27.	Slopek et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; V. Evaluation of the Results Obtained in Children," <i>Arch. Immunol. Therapiae Exper.</i> , 33:241-260 (1985).
DL	28.	Slopek et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections; VI. Analysis of Treatment of Suppurative Staphylococcal Infections," <i>Arch. Immunol. Therapiae Exper.</i> , 33:261-275 (1985).
DL	29.	Slopek et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections in the Years 1981-1986," <i>Arch. Immunol. Therapiae Exper.</i> , 35:569-584 (1987).

EXAMINER

David Lambertson

DATE CONSIDERED

8/22/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

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DL	30.	Soothill, J.S., "Bacteriophage Prevents Destruction of Skin Grafts by <i>Pseudomonas aeruginosa</i> ," <i>Burns</i> , 20 :209-211 (1994).
DL	31.	Soothill, J.S., "Treatment of Experimental Infections of Mice with Bacteriophages," <i>J. Med. Microbiol.</i> , 37 :258-261 (1992).

8/22/02

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APPLICANT'S COPY

Sheet 1 of 2

FORM PTO-1449 (Modified)
(REV. 7-80)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.

APPLICATION NO.

031848.0011

09/757,685

LIST OF REFERENCES CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT

Alexander SULAKVELIDZE et al.

FILING DATE

January 11, 2001

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILED DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER							DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
													YES	NO
DL	1.	00	6	9	2	6	9		11/23/00	WIPO PCT	X			
DL	2.	0	4	1	4	3	0	4	02/27/91	Europe EPO				
DL	3.	19	8	2	8	6	9	6	02/11/99	Germany (w/Engl Abst)				X
DL	4.	97	3	9	1	1	1		10/23/97	WIPO PCT				
DL	5.	95	2	7	0	4	3		10/12/95	WIPO PCT				

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JUN 24 2002

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

DL	6.	Alavidze, A., et al., "Isolation of Specific Lytic Phages Against Multidrug Resistant Pseudomonas Aeruginosa," <i>The American Society for Microbiology</i> , 99:447 (1999).
DL	7.	Slopek, S., et al., "Results of Bacteriophage Treatment of Suppurative Bacterial Infections VI. Analysis of Treatment of Suppurative Staphylococcal Infections," <i>Database Biosis 'Online, Biosciences Information Service</i> , (1985).
DL	8.	Bogovazova, G.G., et al., "Immunobiological Properties & Therapeutic Effectiveness of Preparations from Klebsiella Bacteriophages," <i>Zh. Mikrobiol. Epidemiol. Immunobiol.</i> , 3:30-33 (1992).
DL	9.	Barrow, P.A., "Bacteriophages Mediating Somatic Antigenic Conversion in <i>Salmonella cholerae-suis</i> : their Isolation from Sewage and Other <i>Salmonella</i> Serotypes Possessing the Somatic 6 Antigen," <i>Journal of General Microbiology</i> , 132:835-837 (1986).
DL	10.	Barrow, et al., "Salmonellosis - Prospects for Microbiological Control in Poultry," <i>Avian pathology</i> , 18:557-561 (1989).
DL	11.	Barrow, Paul A., et al., "Bacteriophage Therapy and Prophylaxis: Rediscovery and Renewed Assessment of Potential," <i>Trends in Microbiology</i> , 5:268-271 (1997).
DL	12.	Berchieri, A., Jr., et al., "The Activity in the Chicken Alimentary Tract of Bacteriophages Lytic for <i>Salmonella Typhimurium</i> ," <i>Res. Microbiol.</i> , 142:541-549 (1991).
DL	13.	Williams Smith, H., et al., "Successful Treatment of Experimental <i>Escherichia coli</i> Infections in Mice Using Phage: Its General Superiority Over Antibiotics," <i>Journal of General Microbiology</i> , 128:307-318 (1982).

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David Lambertson

DATE CONSIDERED

8/22/02

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Notice of References Cited

Application/Control No.

09/757,685

Applicant(s)/Pat nt Under
Reexamination
MORRIS ET AL.

Examiner

David A. Lambertson

Art Unit

1636

Page 1 of 1

U.S. PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Name	Classification
	A	US-			
	B	US-			
	C	US-			
	D	US-			
	E	US-			
	F	US-			
	G	US-			
	H	US-			
	I	US-			
	J	US-			
	K	US-			
	L	US-			
	M	US-			

FOREIGN PATENT DOCUMENTS

*		Document Number Country Code-Number-Kind Code	Date MM-YYYY	Country	Name	Classification
	N					
	O					
	P					
	Q					
	R					
	S					
	T					

NON-PATENT DOCUMENTS

*		Include as applicable: Author, Title Date, Publisher, Edition or Volume, Pertinent Pages)
	U	No additional references are cited by the Examiner.
	V	
	W	
	X	

*A copy of this reference is not being furnished with this Office action. (See MPEP § 707.05(a).)
Dates in MM-YYYY format are publication dates. Classifications may be US or foreign.



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UNITED STATES DEPARTMENT OF COMMERCE
Patent and Trademark Office
ASSISTANT SECRETARY AND COMMISSIONER
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Washington, D.C. 20231

SEPTEMBER 17, 2001

PTAS

BROBECK, PHLEGER & HARRISON LLP
LAURENCE H. POSORSKE
1333 H STREET, N.W., SUITE 800
INTELLECTUAL PROPERTY DEPARTMENT
WASHINGTON, DC 20005

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SEP 19 2001

BROBECK

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 06/29/2001

REEL/FRAME: 011957/0084
NUMBER OF PAGES: 6

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
MORRIS, J. GLENN

DOC DATE: 06/01/2001

ASSIGNOR:
ALAVIDZE, ZEMPHIRA

DOC DATE: 06/11/2001

ASSIGNOR:
BROWN, TORREY C.

DOC DATE: 06/11/2001

ASSIGNOR:
SULAKVELIDZE, ALEXANDER

DOC DATE: 06/01/2001

ASSIGNOR:
PASTERNAK, GARY R.

DOC DATE: 06/19/2001

ASSIGNEE:
INTALYTIX, INC.
323 WEST CAMDEN STREET, SUITE 675
THE WAREHOUSE AT CAMDEN YARDS
BALTIMORE, MARYLAND 21201

011957/0084 PAGE 2

SERIAL NUMBER: 09757685
PATENT NUMBER:

FILING DATE: 01/11/2001
ISSUE DATE:

SEDLEY PYNE, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

ASSIGNMENT

WHEREAS, WE, J. Glen MORRIS, residing at 107 St. Johns Road, Baltimore, Maryland 21210; Alexander SULAKVELIDZE, residing at 536 Hampton Lane, Baltimore, Maryland 21286; Zemphira ALAVIDZE, residing at 22 Gotua Street, Apt. 74, Tbilisi, 380060, Republic of Georgia; Gary R. PASTERNAK, residing at 311 Edgevale Road, Baltimore, Maryland 21212; and Torrey C. BROWN, residing at 440 Braewood Way, Severna Park, Maryland 21146, have invented certain new and useful improvements in and to the subject matter of:

REDUCTION IN BACTERIAL COLONIZATION BY ADMINISTERING BACTERIOPHAGE COMPOSITIONS

described in an application for United States Letters Patent filed on January 11, 2001, and accorded Application No. 09/757,685;

AND, WHEREAS, Inralytix Inc., a corporation organized under the laws of the State of Maryland, having a place of business located at The Warehouse at Camden Yards, 323 West Camden Street, Suite 675, Baltimore, Maryland 21201 (hereinafter "ASSIGNEE"), is desirous of acquiring certain rights to the improvements and under the application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration, receipt of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, our entire right, title and interest in and throughout the United States of America (including its territories and dependencies) and all countries foreign thereto in and to said improvements, said United States application, any other United States applications, including provisional, divisional, renewal, substitute, continuation, reexamination and reissue applications, based in whole or in part on said United States application or in whole or in part on said improvements, any foreign applications, including international and regional applications, based in whole or in part on any of the aforesaid United States applications or in whole or in part on said improvements, and in and to any and all letters patent, including extensions thereof, of any country which have been or may be granted on any of the aforesaid applications or on said improvements or any parts thereof;

AND WE hereby authorize and request our agents, Brobeck, Phleger & Harrison LLP, whose address is 1333 H Street, N.W., Suite 800, Washington, DC 20005, to insert hereon any identification necessary or desirable for recordation of this document, including the filing date and application number of said application when known.

AND WE hereby agree for ourselves and our heirs, executors and administrators to execute without further consideration any further documents and instruments which may be necessary, lawful and proper in the prosecution of said above-referenced application or in the preparation or prosecution of any continuing, substitute, divisional, renewal, reexamination or reissue application or in any amendments, extensions or interference proceedings, or other applications for patents of any region or country, that may be necessary to secure to ASSIGNEE

its interest and title in and to said improvements or any parts thereof, and in and to said several patents or any of them;

AND WE hereby covenant for ourselves and our legal representatives, and agree with said ASSIGNEE, its successors and assigns, that we have granted no right or license to make, use, sell or offer to sell said improvements, to anyone except said ASSIGNEE, that prior to the execution of this deed, our right, title and interest in said improvements had not been otherwise encumbered, and that we have not and will not execute any instrument in conflict therewith;

AND WE do hereby authorize and request the United States Commissioner for Patents to issue any and all letters patent which may be granted upon said United States applications, or upon said improvements or any parts thereof when granted, to said ASSIGNEE.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

Date

6/1/01

County of ANNE ARUNDEL

State of MARYLAND

SS:

J. Glenn MORRIS

On this 1ST day of JUNE, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared J. GLENN MORRIS, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

(SEAL)

Notary Public

My Commission Expires 3/25/2002

JOSEPH P. BRZUCHALSKI
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 25, 2002

BROBECK, PHLEGER & HARRISON LLP
INTELLECTUAL PROPERTY DEPARTMENT
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WASHINGTON, D.C. 20005
(202) 220-6000 (TELEPHONE)
(202) 220-5200 (FACSIMILE)

6/1/01
Date

Alexander SULAKVELIDZE

County of ANNE ARUNDEL)
) ss:
State of MARYLAND)

JOSEPH P. BRZUCHALSKI
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 25, 2002

On this 1ST day of JUNE, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared A. SULAKVELIDZE, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Joseph P. Brzuchalski
Notary Public

(SEAL)

My Commission Expires 3/25/02

Date

see attached sheet
Zemphira ALAVIDZE

County of _____)
) ss:
State of _____)

On this _____ day of _____, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared _____, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Notary Public

(SEAL)

My Commission Expires _____

BROBECK, PHLEGER & HARRISON LLP
INTELLECTUAL PROPERTY DEPARTMENT
1333 H STREET, N.W.
SUITE 800
WASHINGTON, D.C. 20005
(202) 220-6000 (TELEPHONE)
(202) 220-5200 (FACSIMILE)

Date

Alexander SULAKVELIDZE

County of _____)

) ss:

State of _____)

On this _____ day of _____, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared _____, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Notary Public

(SEAL)

My Commission Expires _____

6/11/01

Date

Z. Alavidze

Zemphira ALAVIDZE

County of _____)

) ss:

State of _____)

JOSEPH P. BRZUCHALSKI
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 29, 2002

On this 11TH day of JUNE, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared Z. ALAVIDZE, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Joseph Brzuchalski

Notary Public

(SEAL)

My Commission Expires 3/25/2002

BROBECK, PHLEGER & HARRISON LLP
INTELLECTUAL PROPERTY DEPARTMENT
1333 H STREET, N.W.
SUITE 800
WASHINGTON, D.C. 20005
(202) 220-6000 (TELEPHONE)
(202) 220-5200 (FACSIMILE)

6/19/01
Date

Gary R. PASTERNAK
Gary R. PASTERNAK

County of)
State of) ss:

JOSEPH P. BRZUCHALSKI
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 25, 2002

On this 19TH day of JUNE, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared GARY PASTERNAK, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Joseph P. Brzuchalski
Notary Public

(SEAL)

My Commission Expires 3/25/2002

6/12/01
Date

Torrey C. Brown
Torrey C. BROWN

County of)
State of) ss:

JOSEPH P. BRZUCHALSKI
NOTARY PUBLIC STATE OF MARYLAND
My Commission Expires March 25, 2002

On this 12TH day of JUNE, 2001, before me a Notary Public in and for the County and State aforesaid, personally appeared TORREY C. BROWN to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be of his free act and deed.

Joseph P. Brzuchalski
Notary Public

(SEAL)

My Commission Expires 3/25/2002

BROBECK, PHLEGER & HARRISON LLP
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